



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Appln. No.: : 09/581,252  
Applicant : MUNROE, et al.  
Filed : December 4, 2000  
TC/A.U. : 1646  
Examiner : Elizabeth KEMMERER

Docket No. : 2931-105  
Customer No. : 6449  
Confirmation No.: 4192

**SUBMISSION OF SEQUENCE LISTING**

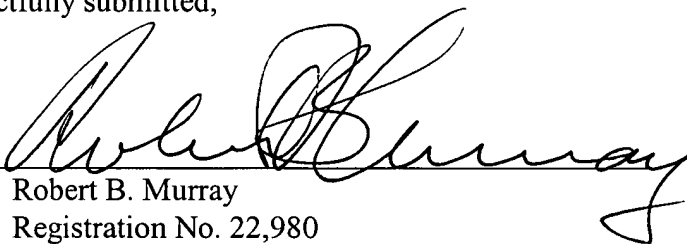
Assistant Commissioner for Patents  
Washington, D.C. 20231

Dear Sir:

Applicants are submitted herewith, a paper copy of the Sequence Listing of the instant application and a diskette containing the Sequence Listing of the application. It is hereby certified that the paper and computer copies of these sequences are identical and that they contain no new matter.

Respectfully submitted,

By

  
Robert B. Murray  
Registration No. 22,980

ROTHWELL FIGG ERNST & MANBECK, p.c.  
1425 K Street, N.W., Suite 800  
Washington, D.C. 20005  
Telephone No.: 202-783-6040  
Facsimile No.: 202-783-6031